

安徽细辛属一新种

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A NEW SPECIES OF THE GENUS ASARUM FROM ANHUI

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〔提要〕 本文发表了细辛属一新种, 即大别山细辛 *Asarum dabieshanense* D. Q. Wang et S. H. Hwang sp. nov.。

大别山细辛 新种 图

Asarum dabieshanense D. Q. Wang et S. H. Hwang sp. nov.

Simile *A. inflato* C. Y. Cheng et C. S. Yang, a quo tubo perianthii haud inflato, annulo tumido humiliore longitudine $1/3$ parten tubi aequante stylis superante, lobis perianthii subhorizontaliter patentibus, complano-projecturis sparsis longioribus (c. 2mm) distinguitur.。

Herba perennis, sempervirens. Radices carnosae, albae, c. 3 mm diam. Rhizoma breve, internodiis 2—10 mm longis, 3—5 mm diam., apice 2—bractea; bractee membranaceae, ovatae, 1.5—3 cm longae, 0.8—2 cm latae, externa minor, interna major, albae vel purpurascens, margine dense ciliolatae. Folia alterna; petiolis 6—16 cm longis, glabris; laminae triangulato-sagittatae vel triangulato-ovatae, 8—15 cm longae, 7—14 cm latae, apice acutae, basi auriculatae, auriculis divergentibus, supra pervirides, saepe viridulo-maculatae, ad nervos puberulae, subtus viridulae, interdum purpureae, glabrae. Flos in axilla folii solitarius, purpureus. pendulus, pedicello c. 2.5 cm longo, glabro; perianthium 3—3.5 cm longum, tubo perianthii inferne cylindrico, 1.1—1.5 cm longo, 1.4—2 cm diam., intra longitudinaliter albo-costato-corrugato, superne tumente annulo tumido, 0.5—0.7 cm alto, 1.6—2.5 cm diam., intra longitudinaliter purpur-

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本文蒙杨育澍、诚静容教授热情指导, 王文采教授帮助修改拉丁描述, 作者敬致谢意。

eo-bruneo-costato-corrugato, face in porum parvum contracto, annulo-membranaceo 0.2—0.4 mm lato, lobis 3, late triangulari-ovatis, 2—2.5 cm longis, 2—3 cm latis, sub anthesi patentibus extrorsum, supra dense purpureo-pubescentibus, prope basin complano-projectionibus, c. 2 mm altis, projecturis externis albis internis purpureis vel purpureis vel purpureo-brumeis, in limbo aream triangularem formantibus. Stamina 12, filamentis 0.5—1 mm longis, antheris 2—3 mm longis, connectivis apice projectis, projecturis c. 1 mm longis; pollinis grana 5—pora. Ovarium semi-inferum, 1.4—2 cm diam.; styli 6 liberi, 0.5—0.7 cm longi, apice bilobati, lobis anguste lanceolaris vel anguste triangularibus, 3—4 mm longis; stigmata 6, parva, c. 1 mm longia, sub lobis stili posita, antheras superantia.

Anhui (安徽): Huoshan County (霍山县), Changchong (长冲), Wang Dequn and Zhou Tongshui (周铜水) 6219 (Type, fl. deposited in Herbarium of Anhui Traditional Medical College 模式标本存安徽中医学院标本室), alt. 600 m, 26 May 1984; Manshuihe (漫水河), Wang Dequn, Zhou Tongshui and Chen Kebang (程克邦) 5573, alt. 530 m, 27 April 1983; Manshuihe, Wang Dequn 5156, alt. 450 m, 11 June 1982. Yuexi County (岳西县), Henghe (横河), Wang Dequn, Chen Kebang and Zhou Tongshui 5553, alt.

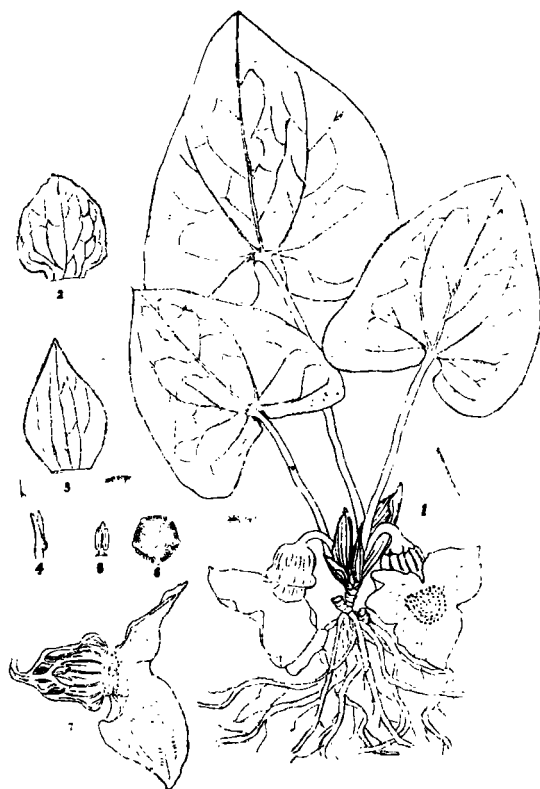


图. 大别山细辛 *Asarum dabieshanense* D. Q. Wang et S. H. Hwang

1. 植株; 2. 外侧苞叶; 3. 内侧苞叶; 4. 花柱与柱头; 5. 雄蕊;
6. 花粉粒; 7. 花的纵切, 示雌蕊、雄蕊和花被。

720—830 m, 23 April 1983; Wang Dequn 9241, April 1987; Susong County (宿松县), Zhuwan (朱湾), Honghe (洪河), Meiao (梅垸), Wang Dequn, Chen Kebang and Zhou Tongshui 5493, alt. 590—630 m, 13 April 1983. Qianshan County (潜山县), Wang Dequn 5178, 10 June 1982. Hefei (合肥), Wang Dequn 9293, cultivate from Huoshan, 25 April 1988.

多年生常绿草本。根肉质，稍白色，粗约3毫米，根状茎短，节间长2—10毫米，粗3—5毫米，顶端着生苞叶2枚；苞叶膜质，卵形，长1.5—3厘米，宽0.8—2厘米，外面一枚较小，内侧一枚较大，白色或略带紫色，密生缘毛。叶互生，叶柄长6—16厘米，无毛，叶片三角状箭形或三角状卵圆形，长8—15厘米，宽7—14厘米，顶端急尖，基部两侧耳状裂片叉开，上面深绿色，常有淡绿色斑块，脉上有短毛，背面淡绿色，有时淡紫色，无毛。花单生叶腋，紫色，下垂，花柄长约2.5厘米，无毛；花被长3—3.5厘米，花被管下部圆筒状，长1.1—1.5厘米，径1.4—2厘米，内有白色纵行脊状皱褶，上部有一狭窄的环突，高0.5—0.7厘米，径1.6—2.5厘米，内有紫褐色纵行脊状皱褶，喉部缢缩成小孔，有扁平的膜环，宽0.2—0.4毫米，花被裂片3，宽三角状卵形，长2—2.5厘米，宽2—3厘米，开花时向外平展，上面密生紫褐色毛，基部有扁平的突起，高约2毫米，外侧突起白色，向内成淡紫、紫色或紫褐色，突起在檐部形成三角状区域。雄蕊12枚，花丝长0.5—1毫米，花药长2—3毫米，药隔在顶端伸长约1毫米；花粉粒具5孔。子房半下位，直径1.4—2厘米，花柱6，离生，长0.5—0.7厘米，顶端二裂，裂片狭披针形或狭三角形，长3—4毫米；柱头6，小，长约1毫米，侧生于花柱裂片下，高于花药。

相似于灯笼细辛 *A. inflatum* C. Y. Cheng et C. S. Yang，但花被管不呈膀胱状，环突短，长度为花被管的1/3，高于花柱，花被裂片近平展，扁平状突起稀疏而高，约2毫米，易于区别。